



MicroPatent's Patent Index Database: Record 1 of 4 [Individual Record of JP63104912A]

Order This Patent Family Member(s)

JP63104912A ☐ 19880510 FullText

Title: (ENG) ALDOSE REDUCTASE INHIBITOR

Abstract: (ENG)

PURPOSE: To obtain an aldose reductase inhibitor useful for treating various complications of diabetes, such as cataract, retinopathy, neuropathy, nephropathy, etc., containing isoliquiritigenin, isoliquiritin or licuraside as an active ingredient.

CONSTITUTION: An aldose reductase inhibitor which contains a compound shown by the formula (R is H, glucose or apio glucose) as an active ingredient, inhibits activity of aldose reductase, reduces accumulation of sorbitol in erythrocyte, has preventing and treating effects on complication of diabetes, extremely low toxicity and high safety. The compound is obtained by extracting Glycyrrhiza uralensis Fisher with water and/or an alcohol and purifying by column chromatography using Sephadex, etc., as a carrier. The compound wherein R is H is also obtained by condensing resacetophenone with p-hydroxybenzaldehyde.

Application Number: JP 24838986 A

Application (Filing) Date: 19861021

Priority Data: JP 24838986 19861021 A X;

Inventor(s): MEYA TOSHIMASA ; TAWADA MASATO ; SASAKI HIROSHI ; NISHIMURA HIROAKI

Assignee/Applicant/Grantee: TSUMURA & CO

IPC (International Class): A61K03112; A61K03112; A61K03170; C12N00999; A61K03578; C07C04983; C07H015203

Other Abstracts for Family Members: DERABS C88-165722

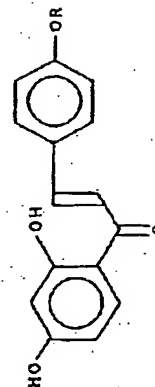
Other Abstracts for This Document: DERC88-165722

Patents Citing This One (2):

- WO2004031165A1 20040415 ENOKI TATSUJI JP; MURAKI NOBUKO JP; KATO IKUNOSHIN JP; ONOGI HIROMU JP; SAGAWA HIROAKI JP; TAKARA BIO INC JP; SUGIYAMA KATSUMI JP
- WO2003103648A1 20031218 INST OF MEDICINAL MOLECULAR DE JP; MUTO SUSUMU JP; ITAI AKIKO JP

THERAPEUTIC DRUG FOR DIABETES

Legal Status: There is no Legal Status information available for this patent



Copyright © 2002, MicroPatent, LLC. The contents of this page are the property of MicroPatent LLC including without limitation all text, html, asp, javascript and xml. All rights herein are reserved to the owner and this page cannot be reproduced without the express permission of the owner.